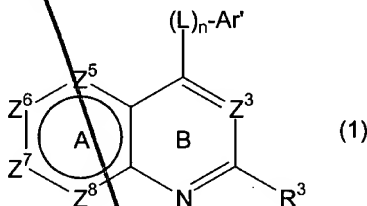


In the Claims:

Please amend the claims as follows:

Please replace the presently pending claims with the following claims:

1. (Amended) A method to inhibit p38 α activity, which method comprises contacting said p38 α with a compound of the formula:



or the pharmaceutically acceptable salts thereof

wherein R³ comprises a substituted or unsubstituted aromatic moiety, wherein said aromatic moiety is a monocyclic or fused bicyclic moiety containing 5-12 ring member atoms, optionally comprising one or more heteroatoms selected from O, S and N;

each Z is CR² or N, wherein no more than two Z positions in ring A are N, and wherein two adjacent Z positions in ring A cannot be N;

each R² is either

(i) independently selected from the group consisting of H, alkyl, alkenyl, alkynyl, acyl, wherein each of alkyl, alkenyl, alkynyl and acyl may optionally contain 1-2 O, S or N, aryl, and arylalkyl, each of said aryl and arylalkyl optionally containing 1 or more O, S or N and wherein in each of the foregoing other than H may be unsubstituted or substituted with 1-3 substituents selected independently from the group consisting of alkyl, alkenyl, alkynyl, aryl, alkylaryl, aroyl, N-aryl, NH-alkylaryl, NH-aroyl, halo, OR, NR₂, SR, -SOR, -SO₂R, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NRSO₂R, -OCONR₂, RCO, -COOR, -SO₃R, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or alkyl (1-4C), and wherein any aryl or aroyl groups on said substituents may be further substituted by alkyl, alkenyl, alkynyl, halo, OR, NR₂, SR, -SOR, -SO₂R, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NRSO₂R, -OCONR₂, RCO, -COOR, -SO₃R, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or alkyl (1-4C), or

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A3
B'
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~~(ii) independently selected from the group consisting of halo, OR, NR₂, SR, -SOR, -SO₂R, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, NRSOR, NRSO₂R, -OCONR₂, RCO, -COOR, -SO₃R, NRSOR, NRSO₂R, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or alkyl (1-4C);~~

~~wherein L is a divalent moiety that provides a distance of 2-8Å between ring B and Ar';
n is 0 or 1; and~~

~~Ar' is a cyclic aliphatic, cyclic heteroaliphatic or a monocyclic or polycyclic aromatic moiety any of the foregoing optionally substituted with 1-3 substituents, wherein two of said substituents may form a 5-7 member cyclic optionally heterocyclic aliphatic ring and wherein Ar' and any said substituents thereon forming a cyclic aliphatic ring, may optionally contain one or more ring atoms selected from O, S and N.~~

Please cancel claims 2-7.

8. (Amended) The method of claim 1 wherein any substituents on the aromatic or heteroaromatic moiety of R³ are independently selected from the group consisting of halo, OR, NR₂, SR, -SOR, -SO₂R, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NRSO₂R, -OCONR₂, RCO, -COOR, -SO₃R, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or alkyl (1-4C) and alkyl (1-6C).
A4

9. The method of claim 1 wherein said substituents on substituted Ar' are independently selected from the group consisting of optionally substituted alkyl, alkenyl, alkynyl, aryl, alkylaryl, aroyl, N-aryl, NH-alkylaryl, NH-aroyl, halo, OR, NR₂, SR, -SOR, -SO₂R, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NRSO₂R, -OCONR₂, RCO, -COOR, -SO₃R, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or alkyl (1-4C),

and wherein any aryl or aroyl groups on said substituents may be further substituted by alkyl, alkenyl, alkynyl, halo, OR, NR₂, SR, -SOR, -SO₂R, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NRSO₂R, -OCONR₂, RCO, -COOR, -SO₃R, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or alkyl (1-4C).

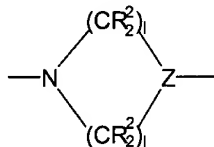
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10. (Amended) The method of claim 9 wherein Ar' is phenyl, 2-, 3-, or 4-pyridyl, 2- or 4-pyrimidyl, indolyl, isoquinolyl, quinolyl, benzimidazolyl, benzotriazolyl, benzothiazolyl, benzofuranyl, pyridyl, thienyl, furyl, pyrrolyl, thiazolyl, oxazolyl, or imidazolyl, all of which may optionally be substituted.

Please cancel claims 11 and 12.

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13. (Amended) The method of claim 1 wherein said optional substituents on R² are independently selected from the group consisting of R⁴, halo, OR⁴, NR⁴₂, SR⁴, -OOCR⁴, -NROCR⁴, -COOR⁴, R⁴CO, -CONR⁴₂, -SO₂NR⁴₂, CN, CF₃, and NO₂, wherein each R⁴ is independently H, or optionally substituted alkyl (1-6C), or optionally substituted arylalkyl (7-12C) and wherein two R⁴ or two substituents on said alkyl or arylalkyl taken together may form a fused aliphatic ring of 5-7 members.

Please cancel claim 14.

15. (Amended) The method of claim 1 wherein L is S(CR²₂)_m, -NR¹SO₂(CR²₂)_l, SO₂(CR²₂)_m, SO₂NR¹(CR²₂)_l, NR¹(CR²₂)_m, NR¹CO(CR²₂)_l, O(CR²₂)_m, or OCO(CR²₂)_l, or



wherein Z is N or CH and wherein m is 0-4 and l is 0-3;

R¹ is H, alkyl or arylalkyl where the aryl moiety may be substituted by 1-3 substituents selected independently from the group consisting of alkyl, alkenyl, alkynyl, aryl, alkylaryl, aroyl, N-aryl, NH-alkylaryl, NH-aroyl, halo, OR, NR₂, SR, -SOR, -SO₂R, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NRSO₂R, -OCONR₂, RCO, -COOR, -SO₃R, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or alkyl (1-4C);

and wherein any aryl or aroyl groups on said substituents may be further substituted by alkyl, alkenyl, alkynyl, halo, OR, NR₂, SR, -SOR, -SO₂R, -OCOR, -NRCOR, -NRCONR₂,

-NRCOOR, -NRSOR, -NRSO₂R, -OCONR₂, RCO, -COOR, -SO₃R, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or alkyl (1-4C); and

R² is as defined in claim 1.

16. (Amended) The method of claim 1 wherein the compound of formula (1) is selected from group consisting of

(a) the compounds listed in Table 2 below, wherein Z⁵-Z⁸ are CH; Z³ is N; R¹ in compound No. 11 is 2-propyl; R¹ in compound No. 12 is 4-methoxyphenyl, and R¹ in compound No. 41 is 4-methoxybenzyl; and wherein L, Ar' and R³ are as shown in Table 2:

Table 2			
Compound No.	L	Ar'	R ³
1	NH	4-pyridyl	2-chlorophenyl
2	NH	4-pyridyl	2,6-dichlorophenyl
3	NH	4-pyridyl	2-methylphenyl
4	NH	4-pyridyl	2-bromophenyl
5	NH	4-pyridyl	2-fluorophenyl
6	NH	4-pyridyl	2,6-difluorophenyl
7	NH	4-pyridyl	phenyl
8	NH	4-pyridyl	4-fluorophenyl
9	NH	4-pyridyl	4-methoxyphenyl
10	NH	4-pyridyl	3-fluorophenyl
11	NR ¹	4-pyridyl	phenyl
12	NR ¹	4-pyridyl	phenyl
13	NHCH ₂	4-pyridyl	phenyl
14	NHCH ₂	4-pyridyl	4-chlorophenyl
15	NH	3-pyridyl	phenyl
16	NHCH ₂	2-pyridyl	phenyl
17	NHCH ₂	3-pyridyl	phenyl
18	NHCH ₂	2-pyridyl	phenyl
19	NHCH ₂ CH ₂	2-pyridyl	phenyl
20	NH	6-pyrimidinyl	phenyl
21	NH	2-pyrimidinyl	phenyl
22	NH	Phenyl	phenyl
23	NHCH ₂	Phenyl	3-chlorophenyl
24	NH	3-hydroxyphenyl	phenyl
25	NH	2-hydroxyphenyl	phenyl

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

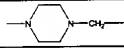
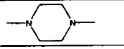
Table 2			
Compound No.	L	Ar ¹	R ³
26	NH	4-hydroxyphenyl	phenyl
27	NH	4-indolyl	phenyl
28	NH	5-indolyl	phenyl
29	NH	4-methoxyphenyl	phenyl
30	NH	3-methoxyphenyl	phenyl
31	NH	2-methoxyphenyl	phenyl
32	NH	4-(2-hydroxyethyl)phenyl	phenyl
33	NH	3-cyanophenyl	phenyl
34	NHCH ₂	2,5-difluorophenyl	phenyl
35	NH	4-(2-butyl)phenyl	phenyl
36	NHCH ₂	4-dimethylaminophenyl	phenyl
38	NH	2-pyridyl	phenyl
39	NHCH ₂	3-pyridyl	phenyl
40	NH	4-pyrimidyl	phenyl
41	NR ¹	4-pyridyl	phenyl
42	NH	p-aminomethylphenyl	phenyl
43	NHCH ₂	4-aminophenyl	phenyl
44	NH	4-pyridyl	3-chlorophenyl
45	NH	Phenyl	4-pyridyl
46	NH		phenyl
48	NH	2-benzylamino-3-pyridyl	phenyl
49	NH	2-benzylamino-4-pyridyl	phenyl
50	NH	3-benzoyloxyphenyl	phenyl
51	NH	4-pyridyl	3-aminophenyl
52	NH	4-pyridyl	4-pyridyl
53	NH	4-pyridyl	2-naphthyl
54		4-pyridyl	phenyl
55		Phenyl	phenyl
56		2-pyridyl	phenyl
61	NH	4-pyridyl	2-trifluoromethyl phenyl
62	NH	4-aminophenyl	phenyl
64	NH	3-methoxyphenyl	2-fluorophenyl
65	NH	4-methoxyphenyl	2-fluorophenyl

Table 2			
Compound No.	L	Ar'	R ³
66	NH	4-pyrimidinyl	2-fluorophenyl
67	NH	3-amino-4-pyridyl	phenyl
68	NH	4-pyridyl	2-benzylaminophenyl
69	NH	2-benzylaminophenyl	phenyl
70	NH	2-benzylaminophenyl	4-cyanophenyl
71	NH	3'-cyano-2-benzylaminophenyl	phenyl

(b) the compounds listed in Table 3, below, wherein L is NH; Z³ is N; Z⁶ and Z⁷ are CH and Z⁵, Z⁸, Ar' and R³ are as shown in Table 3:

Table 3				
Compound No.	Z ⁵	Z ⁸	Ar'	R ³
72	CH	N	4-pyridyl	2-fluorophenyl
73	CH	N	4-pyridyl	2-chlorophenyl
74	CH	N	4-pyridyl	phenyl
75	N	N	4-pyridyl	phenyl
76	N	CH	4-pyridyl	phenyl

and

(c) the quinazoline derivatives listed in Table 4 below, wherein L is NH; Ar' is 4-pyridyl; Z³, Z⁵, and Z⁸ are N; Z⁶ or Z⁷ are CR² as shown and each is otherwise N and wherein R³ and R² are as shown in Table 4:

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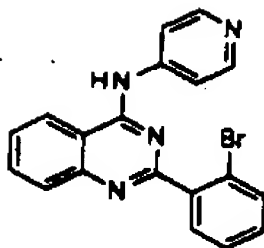
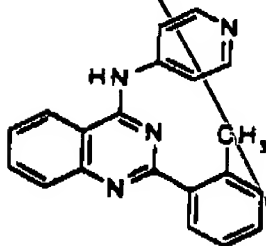
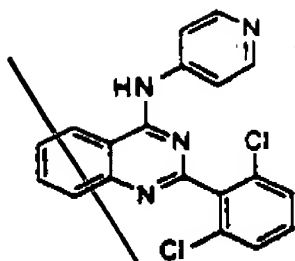
Table 4		
Compound No.	R ³	R ²
77	2-chlorophenyl	6,7-dimethoxy
78	2-fluorophenyl	6-nitro
79	2-fluorophenyl	6-amino
80	2-fluorophenyl	7-amino
81	2-fluorophenyl	6-(3-methoxybenzylamino)
82	2-fluorophenyl	6-(4-methoxybenzylamino)
83	2-fluorophenyl	6-(2-isobutylamino)
84	2-fluorophenyl	6-(4-methylmercaptobenzylamino)
85	2-fluorophenyl	6-(4-methoxybenzoyl amino)
86	4-fluorophenyl	7-amino
87	4-fluorophenyl	7-(3-methoxybenzylamino)

17. (Amended) The method of claim 1 wherein the compound of formula (1) is selected from the group consisting of the following compounds:

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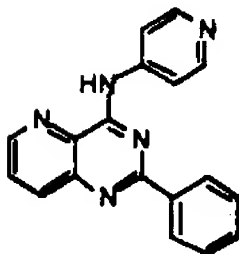
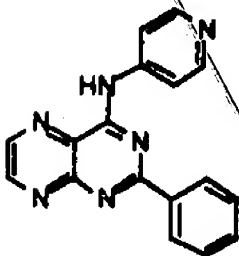
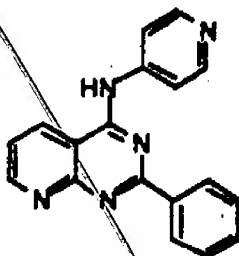
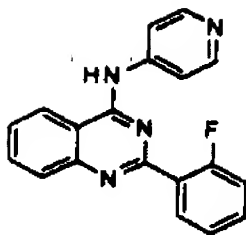
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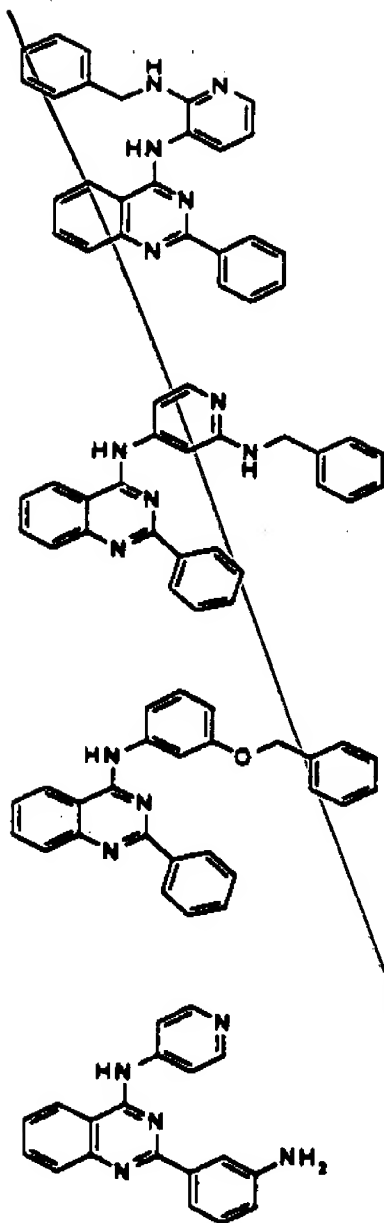
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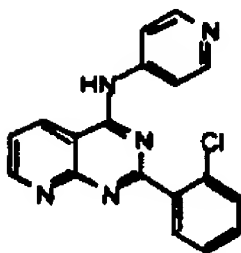
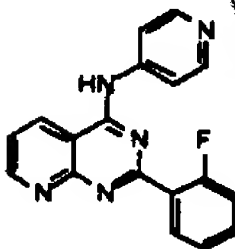
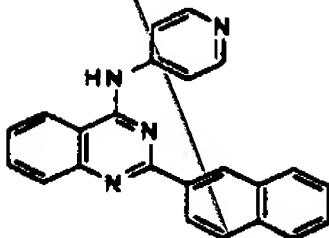
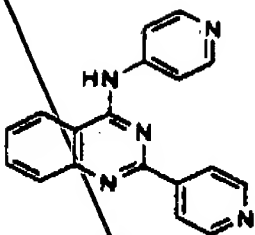
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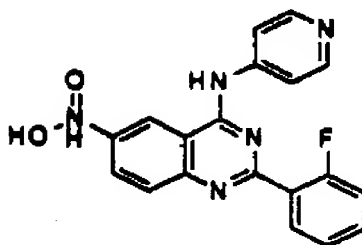
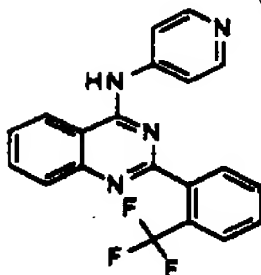
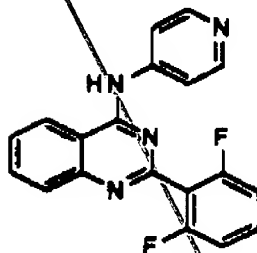
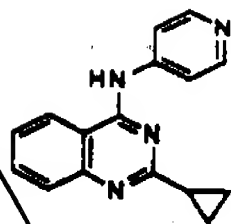
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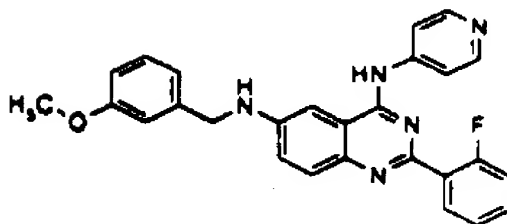
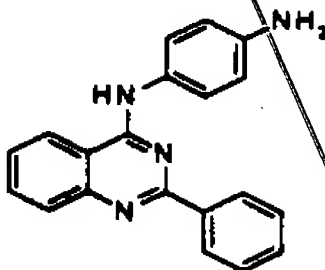
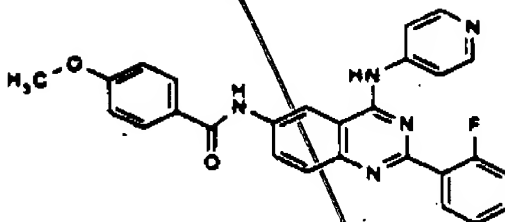
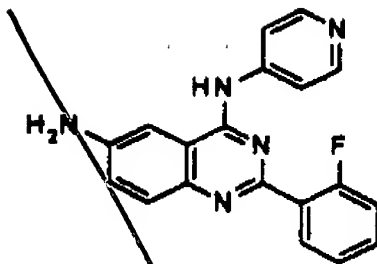
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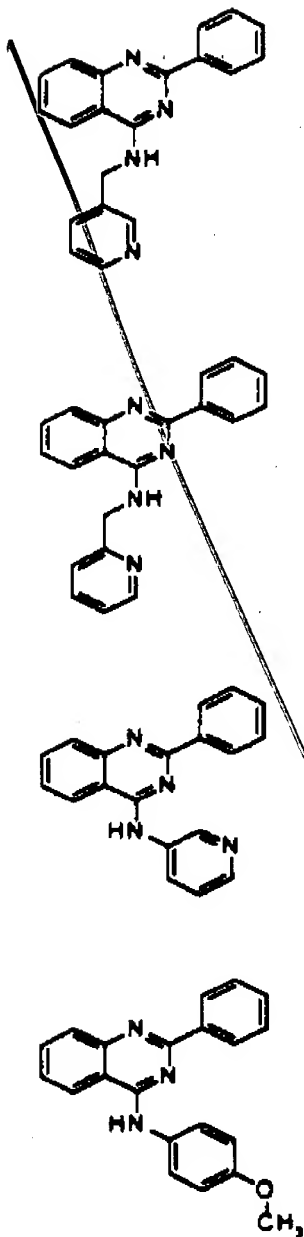
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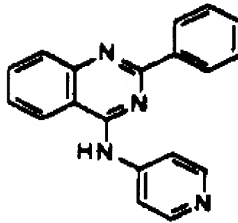
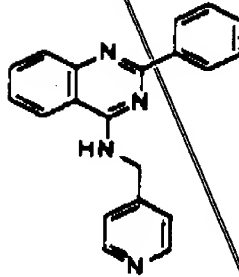
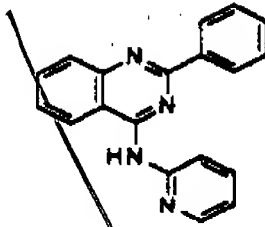
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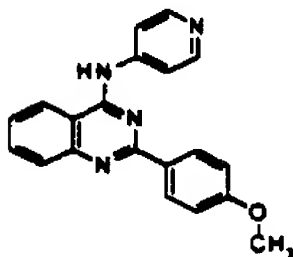
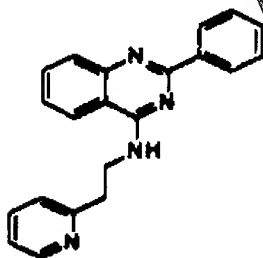
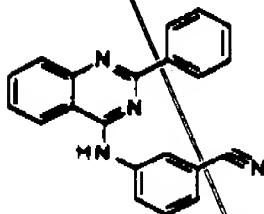
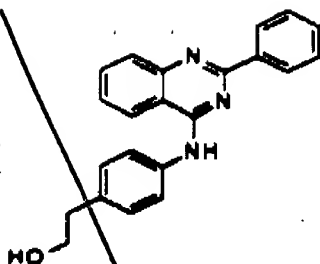
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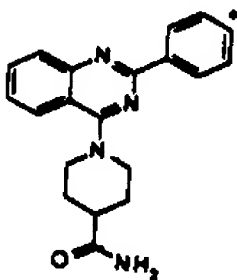
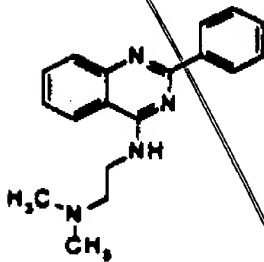
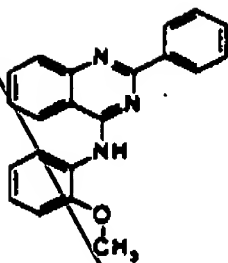
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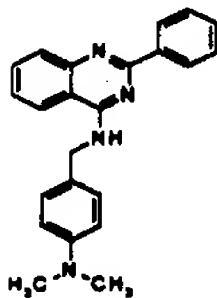
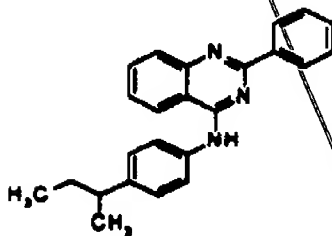
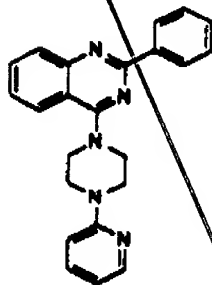
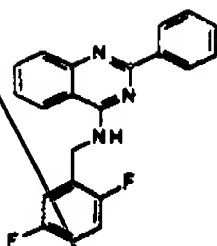
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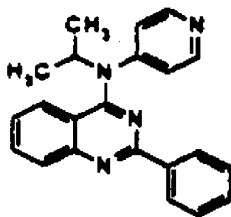
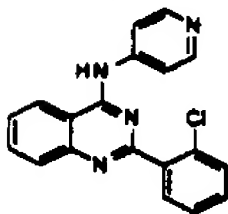
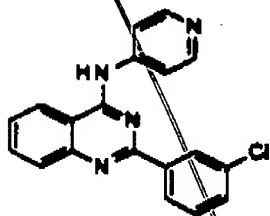
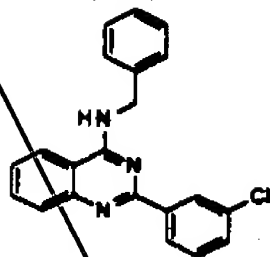
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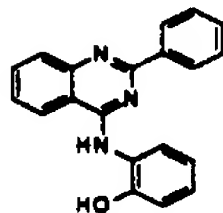
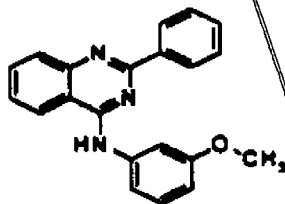
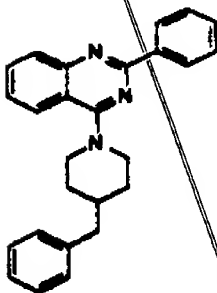
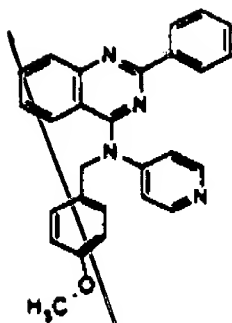
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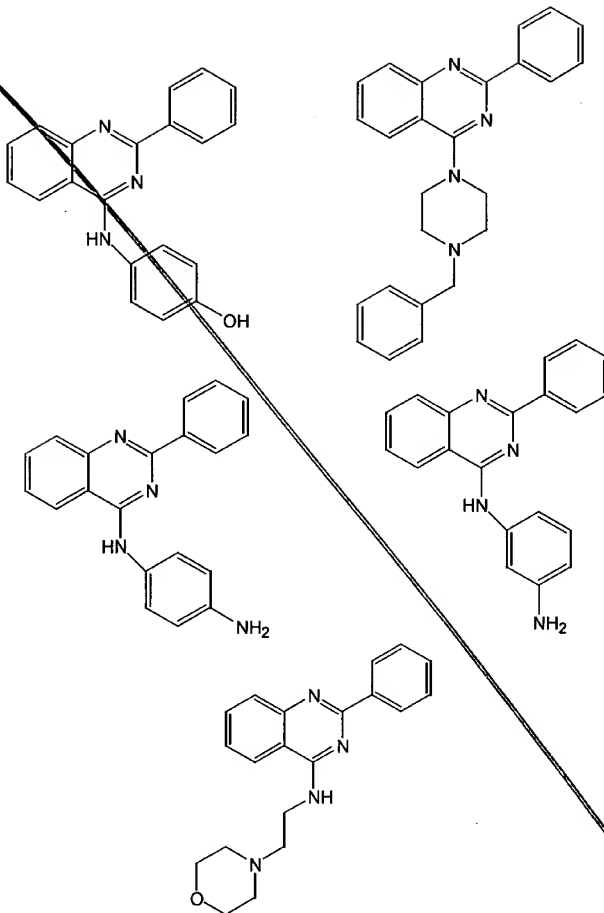
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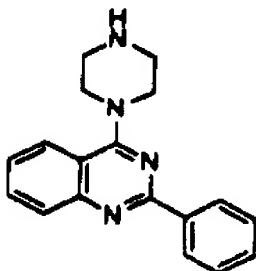
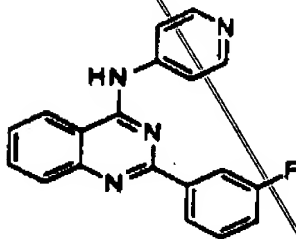
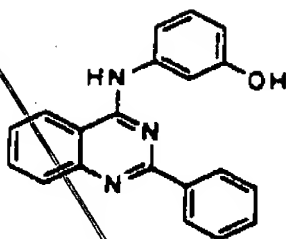
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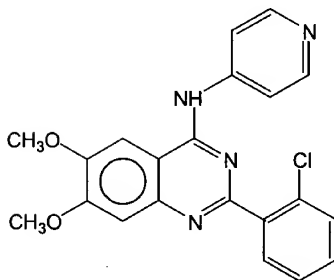
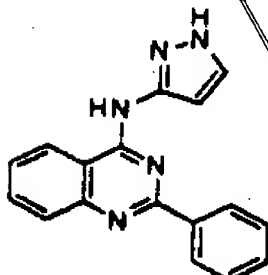
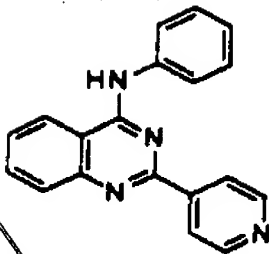
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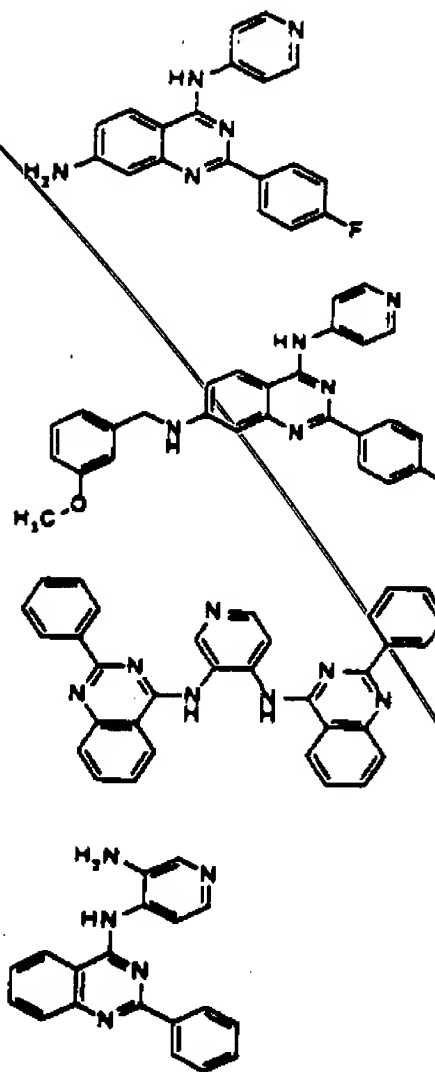
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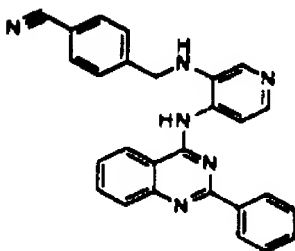
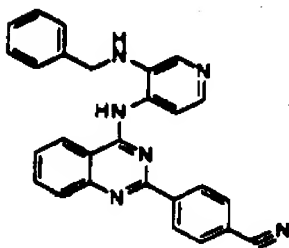
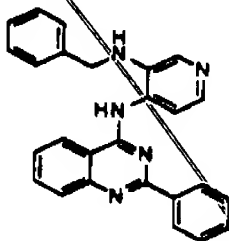
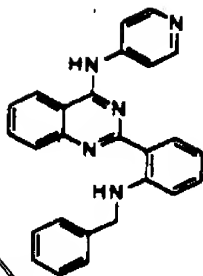
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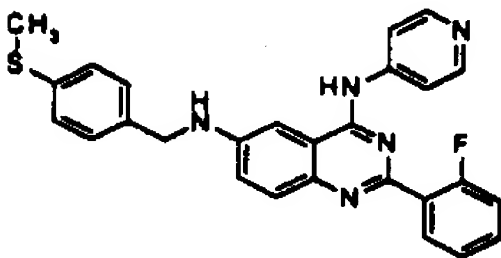
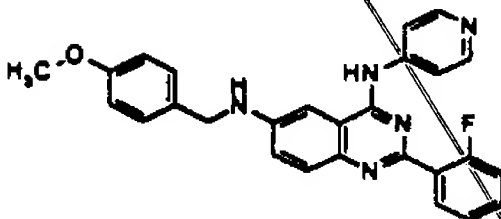
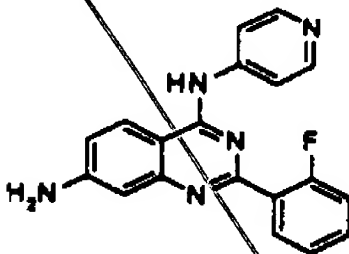
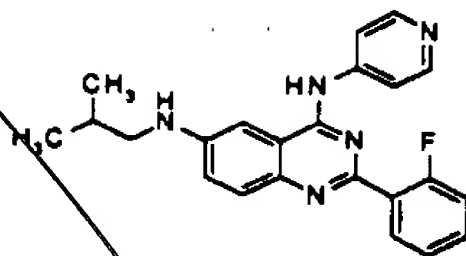
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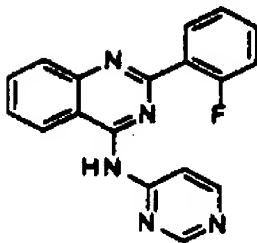
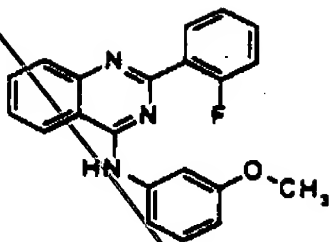
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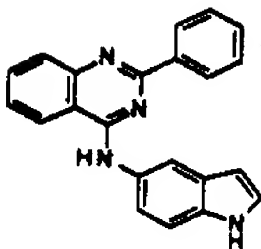
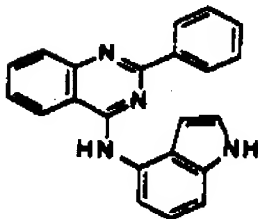
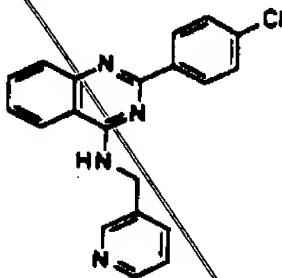
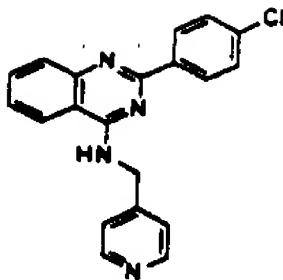
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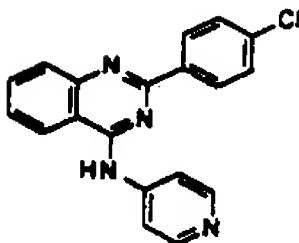
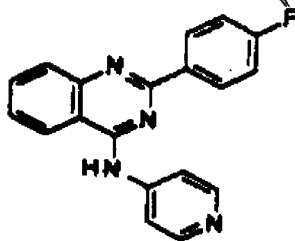
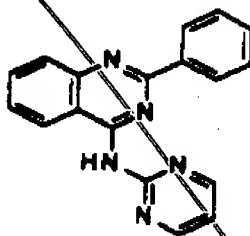
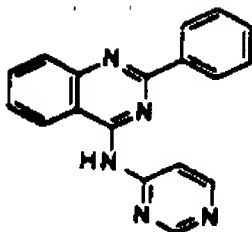
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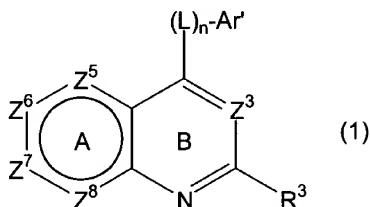
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18. (Amended) A pharmaceutical composition for treating conditions characterized by enhanced p38 α kinase activity which composition comprises an amount of a compound of the formula



or the pharmaceutically acceptable salts thereof

wherein R³;

each Z;

each R²;

L;

n; and

Ar' are as defined in claim 1 which is effective to inhibit p38 α kinase activity in admixture with at least one pharmaceutically acceptable excipient appropriate for administering to a subject exhibiting enhanced p38 α kinase activity.

19. The composition of claim 18 which further contains an additional therapeutic agent.

20. The composition of claim 19 wherein said additional therapeutic agent is a corticosteroid, a monoclonal antibody, or an inhibitor of cell division.

Please cancel claims 21-22.

Please add the following claims:

23. (New) The method of claim 1 wherein

L is -R¹N(CH₂)_n- wherein R¹ is H or is alkyl (1-6C) or arylalkyl optionally substituted on the aryl group with 1-3 substituents independently selected from alkyl (1-6C), halo, OR, NR₂,

SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, -SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C) and n is 0, 1 or 2; and

(a) Ar' is phenyl, substituted with at least one group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C), or pyridyl, indolyl, or pyrimidyl, each optionally substituted with at least one group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); and

R³ is phenyl optionally substituted with 1-3 substituents which substituents are selected from the group consisting of alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, -SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); or

(b) Ar' is phenyl, pyridyl, indolyl, or pyrimidyl, each optionally substituted with a group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); and

R³ is phenyl substituted with 1-3 substituents which substituents are selected from the group consisting of alkyl (1-6C), halo, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, -SO₂NR₂, CN, and CF₃, wherein each R is independently H or lower alkyl (1-4C); or

(c) Ar' is phenyl substituted with a group selected from the group consisting of optionally substituted NR₂, SR, -NROCR, RCO, -CONR₂, SO₂NR₂, CN, and CF₃, wherein each R is independently H or lower alkyl (1-4C); or pyridyl substituted with a group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); or indolyl or pyrimidyl, each optionally substituted with a group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); and

R³ is phenyl optionally substituted with 1-3 substituents which substituents are selected from the group consisting of alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR,

-CONR₂, -SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); or

(d) Ar' is phenyl, pyridyl, indolyl, or pyrimidyl, each optionally substituted with a group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); and

R³ is phenyl substituted with 1-3 substituents which substituents are selected from the group consisting of alkyl (1-6C), halo, OR, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, -SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C).

24. (New) The method of claim 1 wherein the compound of formula 1 is selected from the group consisting of

- 2-phenyl-4-(4-pyridylamino)-quinazoline;
- 2-(2-bromophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2-chlorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2-methylphenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(4-fluorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(3-methoxyanilyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2,6-dichlorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2,6-dibromophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2,6-difluorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6, 7-dimethoxyquinazoline;
- 2-(4-fluorophenyl)-4-(4-pyridylamino)-6, 7-dimethoxyquinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6-nitroquinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6-aminoquinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-7-aminoquinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6-(3-methoxybenzylamino)-quinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6-(4-methoxybenzylamino)-quinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6-(2-isobutylamino)-quinazoline; and
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6-(4-methylmercaptobenzylamino)-quinazoline.

25. (New) The composition of claim 18 wherein any substituents on the aromatic or heteroaromatic moiety of R^3 are independently selected from the group consisting of alkyl (1-6C), halo, OR, NR_2 , SR, -SOR, $-SO_2R$, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NR SO_2R , -OCONR₂, RCO, -COOR, $-SO_3R$, -CONR₂, SO_2NR_2 , CN, CF_3 , and NO_2 , wherein each R is independently H or alkyl (1-4C).

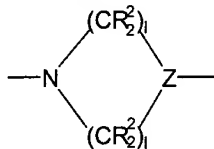
26. (New) The composition of claim 18 wherein said substituents on substituted Ar' are independently selected from the group consisting of optionally substituted alkyl, alkenyl, alkynyl, aryl, alkylaryl, aroyl, N-aryl, NH-alkylaryl, NH-aroyl, halo, OR, NR_2 , SR, -SOR, $-SO_2R$, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NR SO_2R , -OCONR₂, RCO, -COOR, $-SO_3R$, -CONR₂, SO_2NR_2 , CN, CF_3 , and NO_2 , wherein each R is independently H or alkyl (1-4C),

and wherein any aryl or aroyl groups on said substituents may be further substituted by alkyl, alkenyl, alkynyl, halo, OR, NR_2 , SR, -SOR, $-SO_2R$, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NR SO_2R , -OCONR₂, RCO, -COOR, $-SO_3R$, -CONR₂, SO_2NR_2 , CN, CF_3 , and NO_2 , wherein each R is independently H or alkyl (1-4C).

27. (New) The composition of claim 26 wherein Ar' is phenyl, 2-, 3-, or 4-pyridyl, 2- or 4-pyrimidyl, indolyl, isoquinolyl, quinolyl, benzimidazolyl, benzotriazolyl, benzothiazolyl, benzofuranyl, pyridyl, thienyl, furyl, pyrrolyl, thiazolyl, oxazolyl, or imidazolyl, all of which may optionally be substituted.

28. (New) The composition of claim 18 wherein said optional substituents on R^2 are independently selected from the group consisting of R^4 , halo, OR⁴, NR^4_2 , SR^4 , -OOCR⁴, -NROCR⁴, -COOR⁴, R^4CO , -CONR⁴₂, $-SO_2NR^4_2$, CN, CF_3 , and NO_2 , wherein each R^4 is independently H, or optionally substituted alkyl (1-6C), or optionally substituted arylalkyl (7-12C) and wherein two R^4 or two substituents on said alkyl or arylalkyl taken together may form a fused aliphatic ring of 5-7 members.

29. (New) The composition of claim 18 wherein L is $S(CR^2)_m$, $-NR^1SO_2(CR^2)_l$, $SO_2(CR^2)_m$, $SO_2NR^1(CR^2)_l$, $NR^1(CR^2)_m$, $NR^1CO(CR^2)_l$, $O(CR^2)_m$, or $OCO(CR^2)_l$, or



wherein Z is N or CH and wherein m is 0-4 and l is 0-3;

R^1 is H, alkyl or arylalkyl where the aryl moiety may be substituted by 1-3 substituents selected independently from the group consisting of alkyl, alkenyl, alkynyl, aryl, alkylaryl, aroyl, N-aryl, NH-alkylaryl, NH-aroyl, halo, OR, NR_2 , SR, -SOR, $-SO_2R$, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NRSO₂R, -OCONR₂, RCO, -COOR, $-SO_3R$, -CONR₂, SO_2NR_2 , CN, CF_3 , and NO_2 , wherein each R is independently H or alkyl (1-4C);

and wherein any aryl or aroyl groups on said substituents may be further substituted by alkyl, alkenyl, alkynyl, halo, OR, NR_2 , SR, -SOR, $-SO_2R$, -OCOR, -NRCOR, -NRCONR₂, -NRCOOR, -NRSOR, -NRSO₂R, -OCONR₂, RCO, -COOR, $-SO_3R$, -CONR₂, SO_2NR_2 , CN, CF_3 , and NO_2 , wherein each R is independently H or alkyl (1-4C); and

R^2 is as defined in claim 18.

30. (New) The composition of claim 18 wherein the compound of formula (1) is selected from the group consisting of



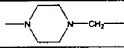

(a) the compounds listed in Table 2 below, wherein Z^5-Z^8 are CH; Z^3 is N; R^1 in compound No. 11 is 2-propyl; R^1 in compound No. 12 is 4-methoxyphenyl, and R^1 in compound No. 41 is 4-methoxybenzyl; and wherein L, Ar' and R^3 are as shown in Table 2:

Table 2			
Compound No.	L	Ar'	R^3
1	NH	4-pyridyl	2-chlorophenyl
2	NH	4-pyridyl	2,6-dichlorophenyl
3	NH	4-pyridyl	2-methylphenyl
4	NH	4-pyridyl	2-bromophenyl
5	NH	4-pyridyl	2-fluorophenyl
6	NH	4-pyridyl	2,6-difluorophenyl

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Table 2			
Compound No.	L	Ar'	R ³
7	NH	4-pyridyl	phenyl
8	NH	4-pyridyl	4-fluorophenyl
9	NH	4-pyridyl	4-methoxyphenyl
10	NH	4-pyridyl	3-fluorophenyl
11	NR ¹	4-pyridyl	phenyl
12	NR ¹	4-pyridyl	phenyl
13	NHCH ₂	4-pyridyl	phenyl
14	NHCH ₂	4-pyridyl	4-chlorophenyl
15	NH	3-pyridyl	phenyl
16	NHCH ₂	2-pyridyl	phenyl
17	NHCH ₂	3-pyridyl	phenyl
18	NHCH ₂	2-pyridyl	phenyl
19	NHCH ₂ CH ₂	2-pyridyl	phenyl
20	NH	6-pyrimidinyl	phenyl
21	NH	2-pyrimidinyl	phenyl
22	NH	Phenyl	phenyl
23	NHCH ₂	Phenyl	3-chlorophenyl
24	NH	3-hydroxyphenyl	phenyl
25	NH	2-hydroxyphenyl	phenyl
26	NH	4-hydroxyphenyl	phenyl
27	NH	4-indolyl	phenyl
28	NH	5-indolyl	phenyl
29	NH	4-methoxyphenyl	phenyl
30	NH	3-methoxyphenyl	phenyl
31	NH	2-methoxyphenyl	phenyl
32	NH	4-(2-hydroxyethyl)phenyl	phenyl
33	NH	3-cyanophenyl	phenyl
34	NHCH ₂	2,5-difluorophenyl	phenyl
35	NH	4-(2-butyl)phenyl	phenyl
36	NHCH ₂	4-dimethylaminophenyl	phenyl
38	NH	2-pyridyl	phenyl
39	NHCH ₂	3-pyridyl	phenyl
40	NH	4-pyrimidyl	phenyl
41	NR ¹	4-pyridyl	phenyl
42	NH	p-aminomethylphenyl	phenyl
43	NHCH ₂	4-aminophenyl	phenyl

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Table 2			
Compound No.	L	Ar'	R ³
44	NH	4-pyridyl	3-chlorophenyl
45	NH	Phenyl	4-pyridyl
46	NH		phenyl
48	NH	2-benzylamino-3-pyridyl	phenyl
49	NH	2-benzylamino-4-pyridyl	phenyl
50	NH	3-benzyloxyphenyl	phenyl
51	NH	4-pyridyl	3-aminophenyl
52	NH	4-pyridyl	4-pyridyl
53	NH	4-pyridyl	2-naphthyl
54		4-pyridyl	phenyl
55		Phenyl	phenyl
56		2-pyridyl	phenyl
61	NH	4-pyridyl	2-trifluoromethyl phenyl
62	NH	4-aminophenyl	phenyl
64	NH	3-methoxyphenyl	2-fluorophenyl
65	NH	4-methoxyphenyl	2-fluorophenyl
66	NH	4-pyrimidinyl	2-fluorophenyl
67	NH	3-amino-4-pyridyl	phenyl
68	NH	4-pyridyl	2-benzylaminophenyl
69	NH	2-benzylaminophenyl	phenyl
70	NH	2-benzylaminophenyl	4-cyanophenyl
71	NH	3'-cyano-2-benzylaminophenyl	phenyl

(b) the compounds listed in Table 3, below, wherein L is NH; Z³ is N; Z⁶ and Z⁷ are CH and Z⁵, Z⁸, Ar' and R³ are as shown in Table 3:

Table 3				
Compound No.	Z ⁵	Z ⁸	Ar'	R ³
72	CH	N	4-pyridyl	2-fluorophenyl
73	CH	N	4-pyridyl	2-chlorophenyl
74	CH	N	4-pyridyl	phenyl
75	N	N	4-pyridyl	phenyl
76	N	CH	4-pyridyl	phenyl

and

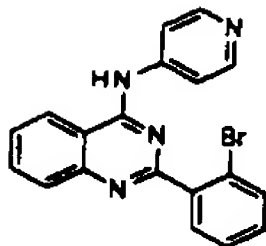
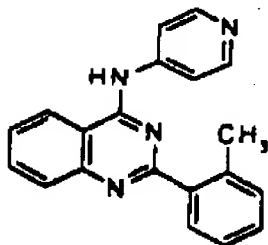
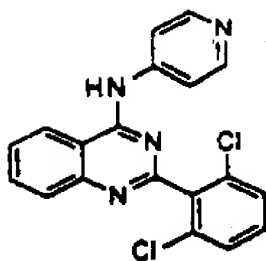
(c) the quinazoline derivatives listed in Table 4 below, wherein L is NH; Ar' is 4-pyridyl; Z³, Z⁵, and Z⁸ are N; Z⁶ or Z⁷ are CR² as shown and each is otherwise N and wherein R³ and R² are as shown in Table 4:

Table 4		
Compound No.	R ³	R ²
77	2-chlorophenyl	6,7-dimethoxy
78	2-fluorophenyl	6-nitro
79	2-fluorophenyl	6-amino
80	2-fluorophenyl	7-amino
81	2-fluorophenyl	6-(3-methoxybenzylamino)
82	2-fluorophenyl	6-(4-methoxybenzylamino)
83	2-fluorophenyl	6-(2-isobutylamino)
84	2-fluorophenyl	6-(4-methylmercaptobenzylamino)
85	2-fluorophenyl	6-(4-methoxybenzoyl amino)
86	4-fluorophenyl	7-amino
87	4-fluorophenyl	7-(3-methoxybenzylamino)

31. (New) The composition of claim 18 wherein the compound of formula (1) is selected from the group consisting of the following compounds:

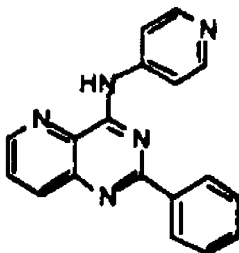
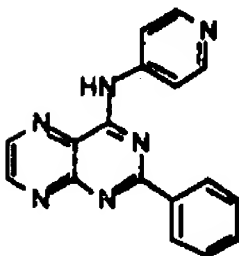
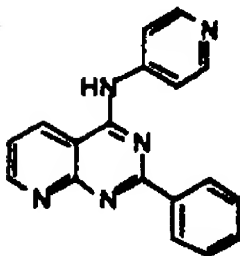
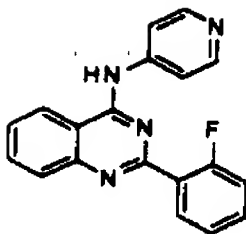
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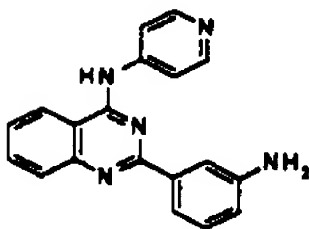
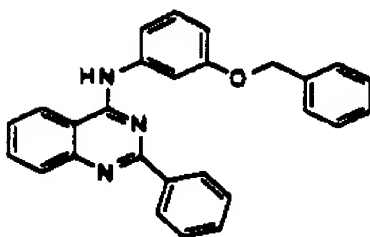
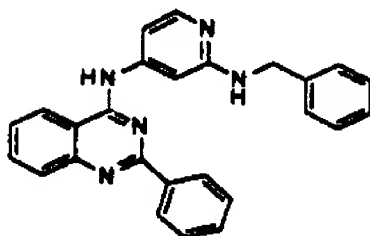
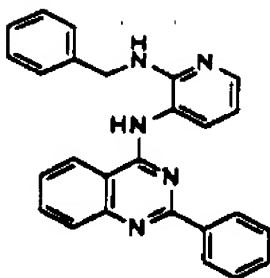


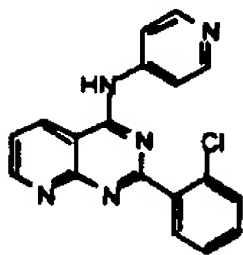
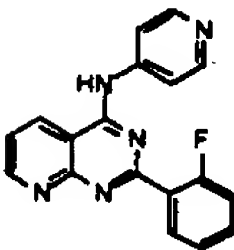
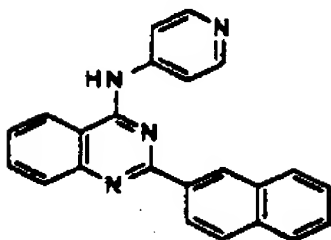
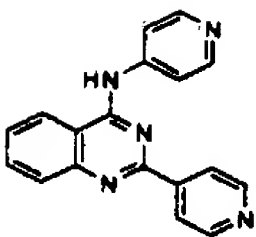
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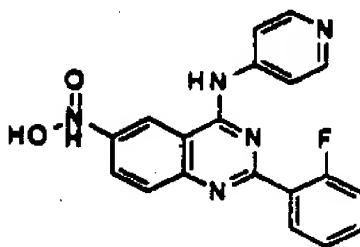
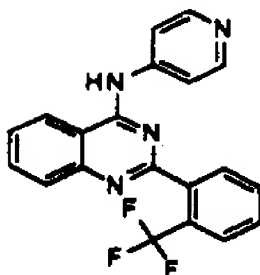
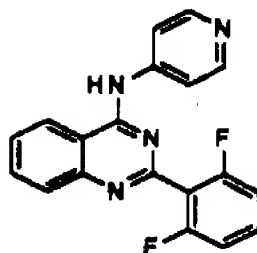
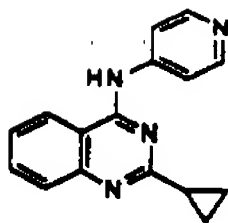


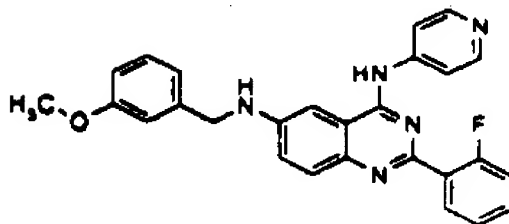
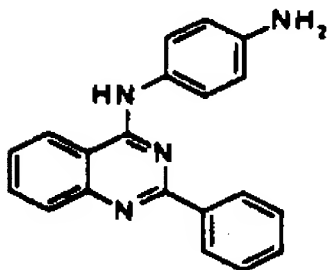
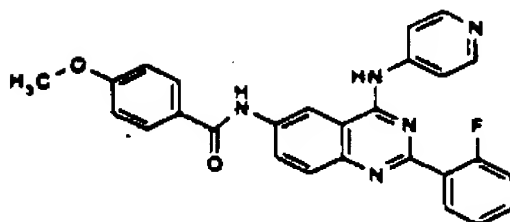
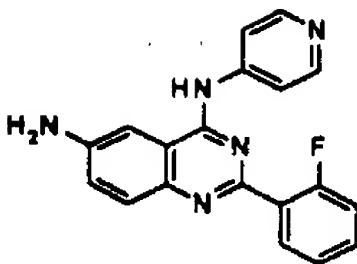


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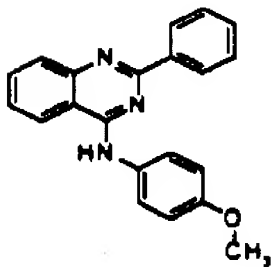
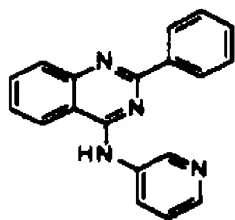
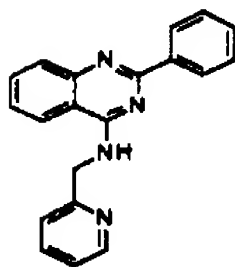
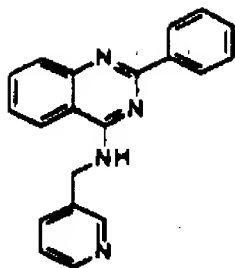
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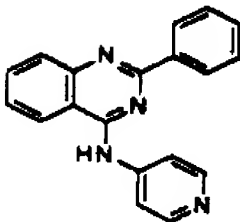
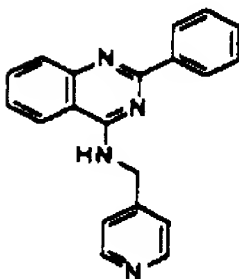
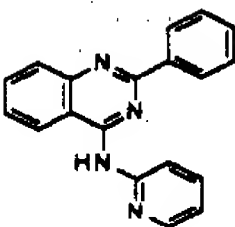


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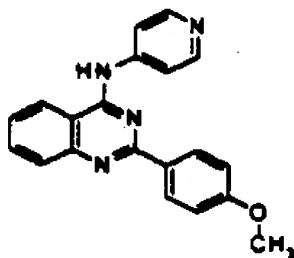
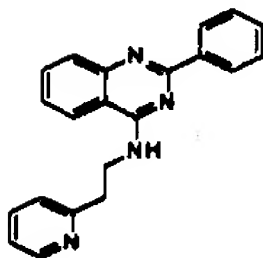
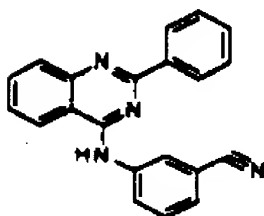
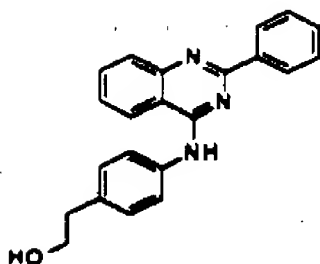
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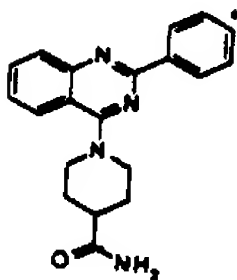
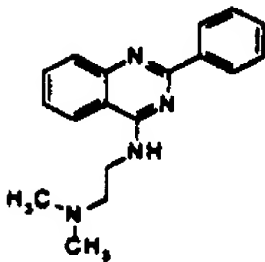
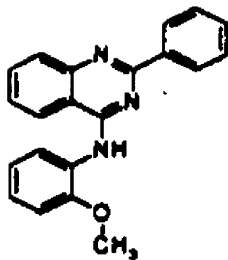


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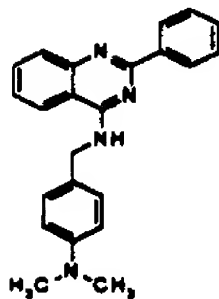
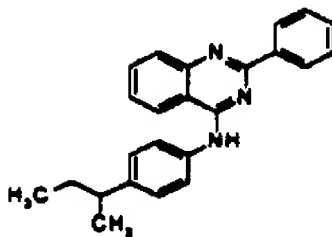
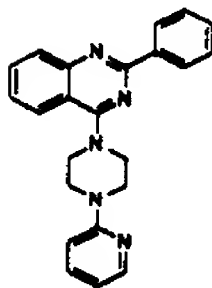
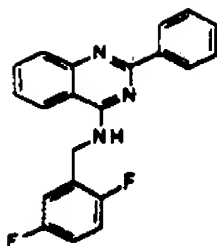
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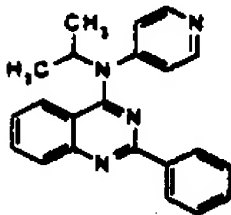
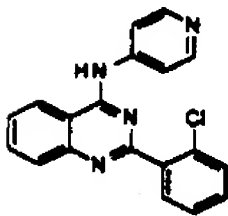
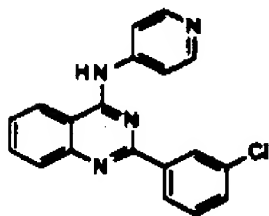
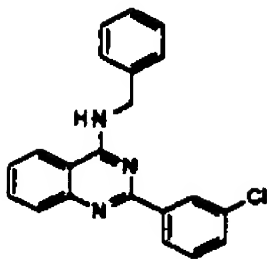
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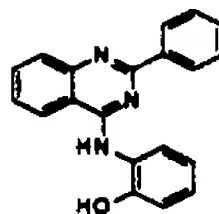
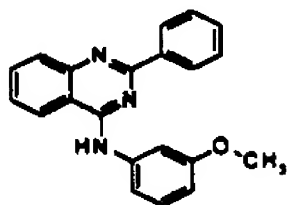
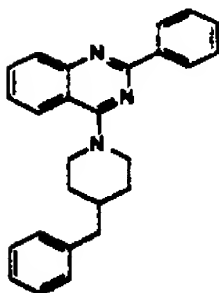
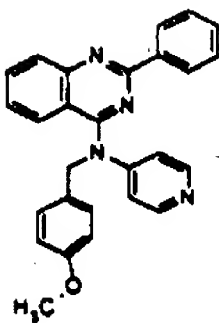
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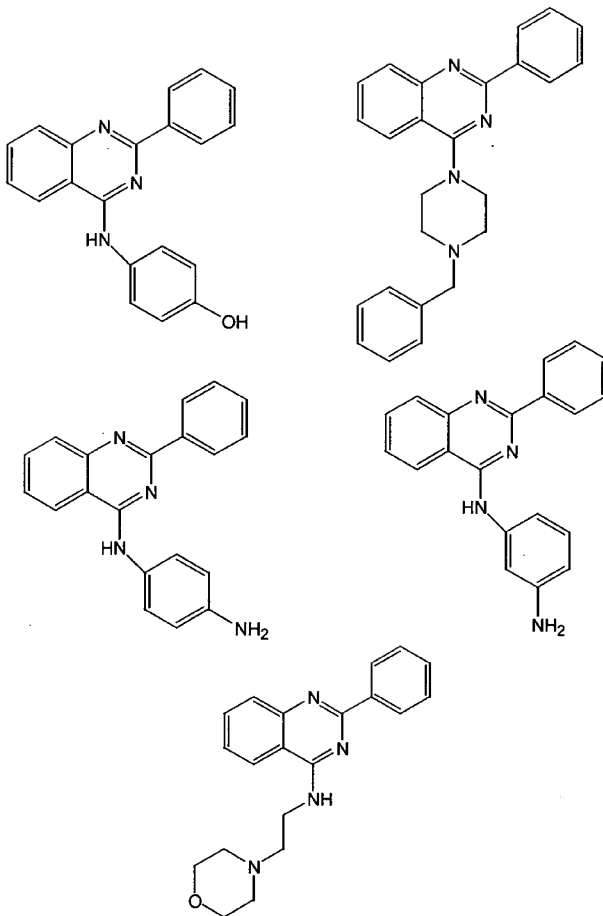
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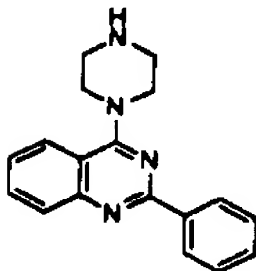
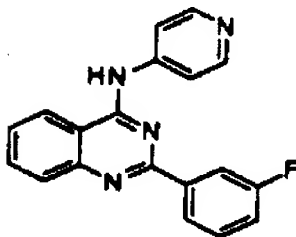
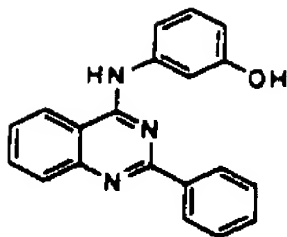
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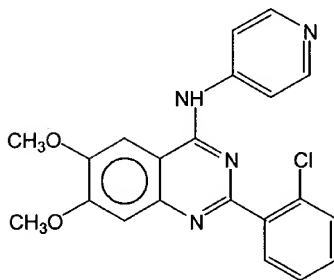
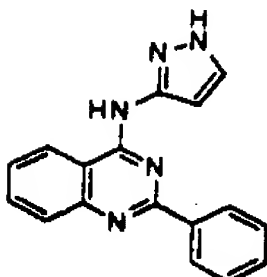
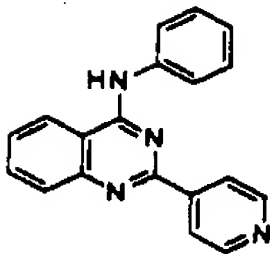
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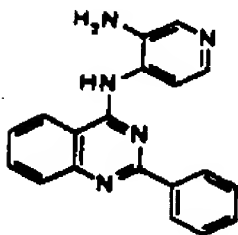
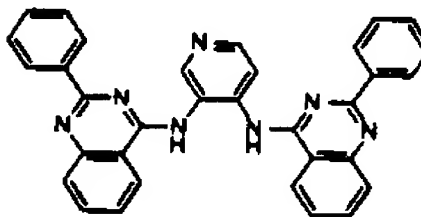
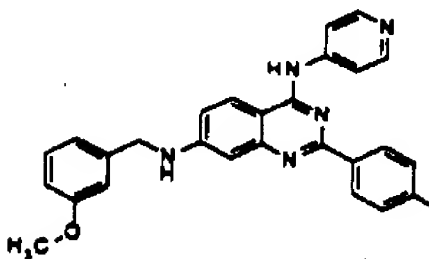
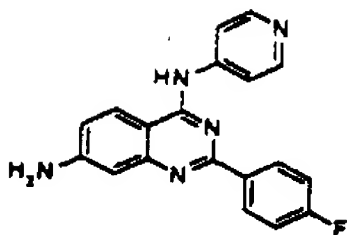
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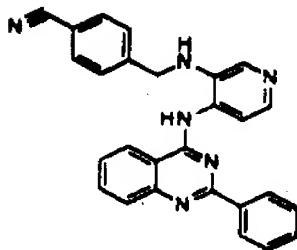
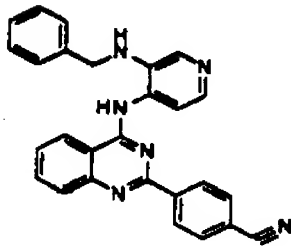
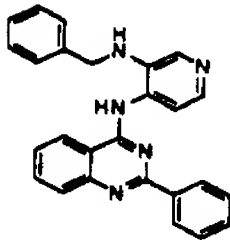
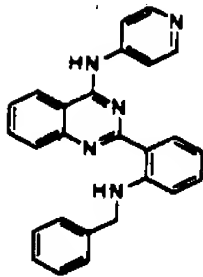


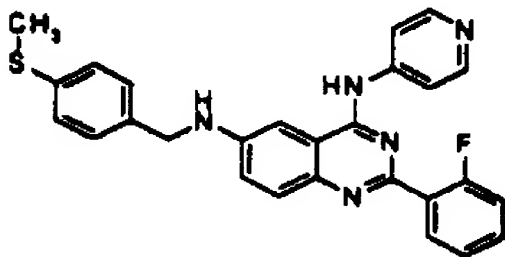
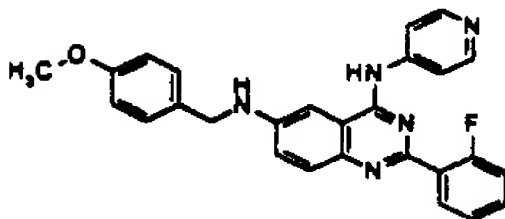
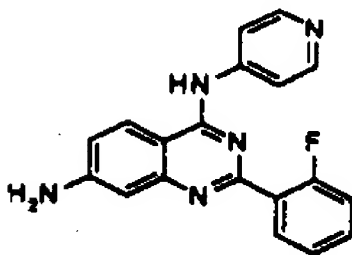
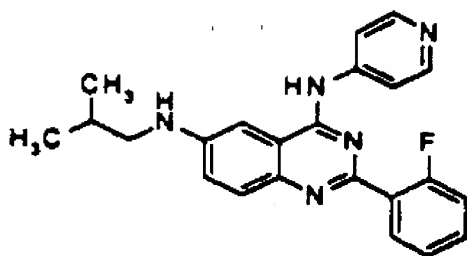
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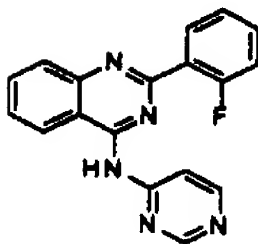
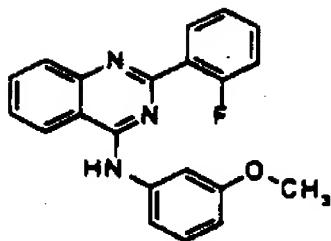
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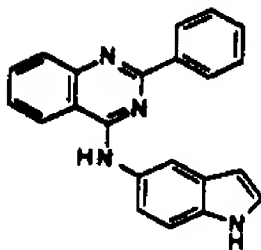
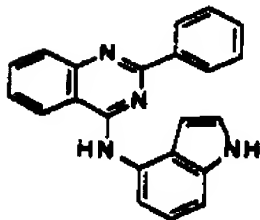
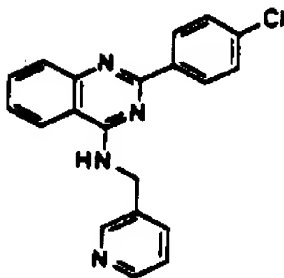
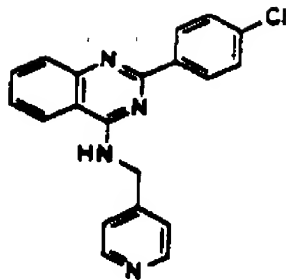




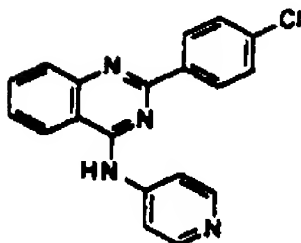
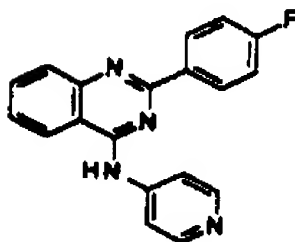
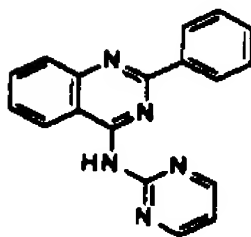
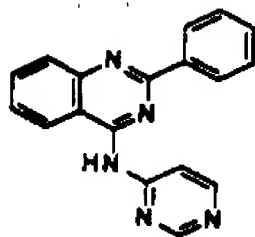
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32. (New) The composition of claim 18 wherein

L is $-R^1N(CH_2)_n-$;

L is $-R^1N(CH_2)_n-$ wherein R^1 is H or is alkyl (1-6C) or arylalkyl optionally substituted on the aryl group with 1-3 substituents independently selected from alkyl (1-6C), halo, OR, NR_2 , SR, $-OOCR$, $-NROCR$, RCO, $-COOR$, $-CONR_2$, $-SO_2NR_2$, CN, CF_3 , and NO_2 , wherein each R is independently H or lower alkyl (1-4C) and n is 0, 1 or 2; and

(a) Ar' is phenyl, substituted with at least one group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR_2 , SR, $-OOCR$, $-NROCR$, RCO, $-COOR$, $-CONR_2$, SO_2NR_2 , CN, CF_3 , and NO_2 , wherein each R is independently H or lower alkyl (1-4C), or pyridyl, indolyl, or pyrimidyl, each optionally substituted with at least one group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR_2 , SR, $-OOCR$, $-NROCR$, RCO, $-COOR$, $-CONR_2$, SO_2NR_2 , CN, CF_3 , and NO_2 , wherein each R is independently H or lower alkyl (1-4C); and

R^3 is phenyl optionally substituted with 1-3 substituents which substituents are selected from the group consisting of alkyl (1-6C), halo, OR, NR_2 , SR, $-OOCR$, $-NROCR$, RCO, $-COOR$, $-CONR_2$, $-SO_2NR_2$, CN, CF_3 , and NO_2 , wherein each R is independently H or lower alkyl (1-4C); or

(b) Ar' is phenyl, pyridyl, indolyl, or pyrimidyl, each optionally substituted with a group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR_2 , SR, $-OOCR$, $-NROCR$, RCO, $-COOR$, $-CONR_2$, SO_2NR_2 , CN, CF_3 , and NO_2 , wherein each R is independently H or lower alkyl (1-4C); and

R^3 is phenyl substituted with 1-3 substituents which substituents are selected from the group consisting of alkyl (1-6C), halo, SR, $-OOCR$, $-NROCR$, RCO, $-COOR$, $-CONR_2$, $-SO_2NR_2$, CN, and CF_3 , wherein each R is independently H or lower alkyl (1-4C); or

(c) Ar' is phenyl substituted with a group selected from the group consisting of optionally substituted NR_2 , SR, $-NROCR$, RCO, $-CONR_2$, SO_2NR_2 , CN, and CF_3 , wherein each R is independently H or lower alkyl (1-4C); or pyridyl substituted with a group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR_2 , SR, $-OOCR$, $-NROCR$, RCO, $-COOR$, $-CONR_2$, SO_2NR_2 , CN, CF_3 , and NO_2 , wherein each R is independently H or lower alkyl (1-4C); or indolyl or pyrimidyl, each optionally substituted with a group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR_2 , SR, $-OOCR$,

-NROCR, RCO, -COOR, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); and

R³ is phenyl optionally substituted with 1-3 substituents which substituents are selected from the group consisting of alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, -SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); or

(d) Ar' is phenyl, pyridyl, indolyl, or pyrimidyl, each optionally substituted with a group selected from the group consisting of optionally substituted alkyl (1-6C), halo, OR, NR₂, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C); and

R³ is phenyl substituted with 1-3 substituents which substituents are selected from the group consisting of alkyl (1-6C), halo, OR, SR, -OOCR, -NROCR, RCO, -COOR, -CONR₂, -SO₂NR₂, CN, CF₃, and NO₂, wherein each R is independently H or lower alkyl (1-4C).

33. (New) The composition of claim 18 wherein the compound of formula 1 is selected from the group consisting of

- 2-phenyl-4-(4-pyridylamino)-quinazoline;
- 2-(2-bromophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2-chlorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2-methylphenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(4-fluorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(3-methoxyanilyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2,6-dichlorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2,6-dibromophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2,6-difluorophenyl)-4-(4-pyridylamino)-quinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6, 7-dimethoxyquinazoline;
- 2-(4-fluorophenyl)-4-(4-pyridylamino)-6, 7-dimethoxyquinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6-nitroquinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-6-aminoquinazoline;
- 2-(2-fluorophenyl)-4-(4-pyridylamino)-7-aminoquinazoline;

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2-(2-fluorophenyl)-4-(4-pyridylamino)-6-(3-methoxybenzylamino)-quinazoline;
2-(2-fluorophenyl)-4-(4-pyridylamino)-6-(4-methoxybenzylamino)-quinazoline;
2-(2-fluorophenyl)-4-(4-pyridylamino)-6-(2-isobutylamino)-quinazoline; and
2-(2-fluorophenyl)-4-(4-pyridylamino)-6-(4-methylmercaptobenzylamino)-quinazoline.

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